Figs. For 112056-0011

4002705 .12.05.95 .12.34.04

TOT22T"6067200T

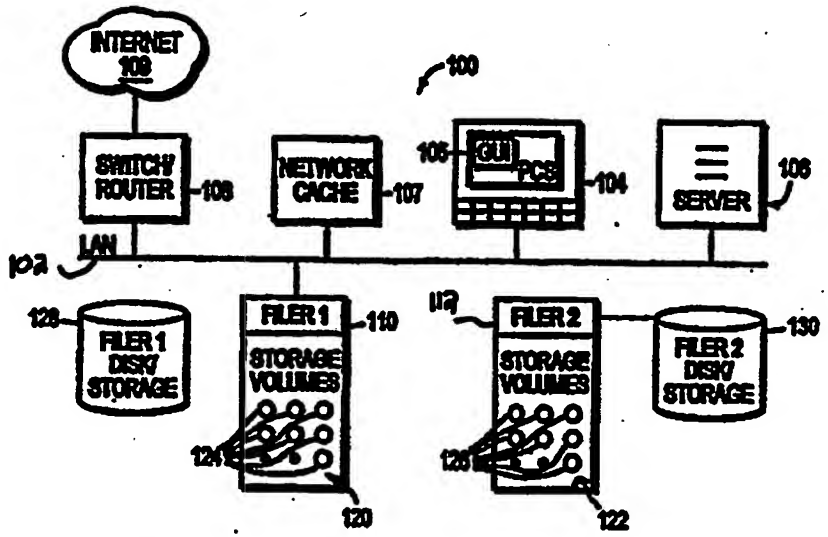

FIG. 1

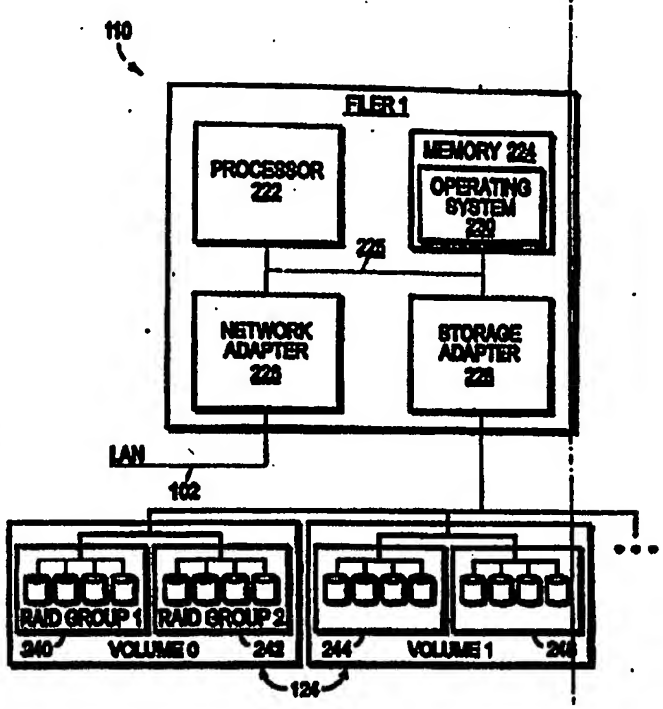
110
FILER 1
PROCESSOR 222
MEMORY 224
OPERATING SYSTEM 220
225
NETWORK ADAPTER 226
STORAGE ADAPTER 228
LAN
102
RAID GROUP 1
RAID GROUP 2
240
VOLUME 0
242
244
VOLUME 1
246
126

FIG. 2

TOT22T"6062200T

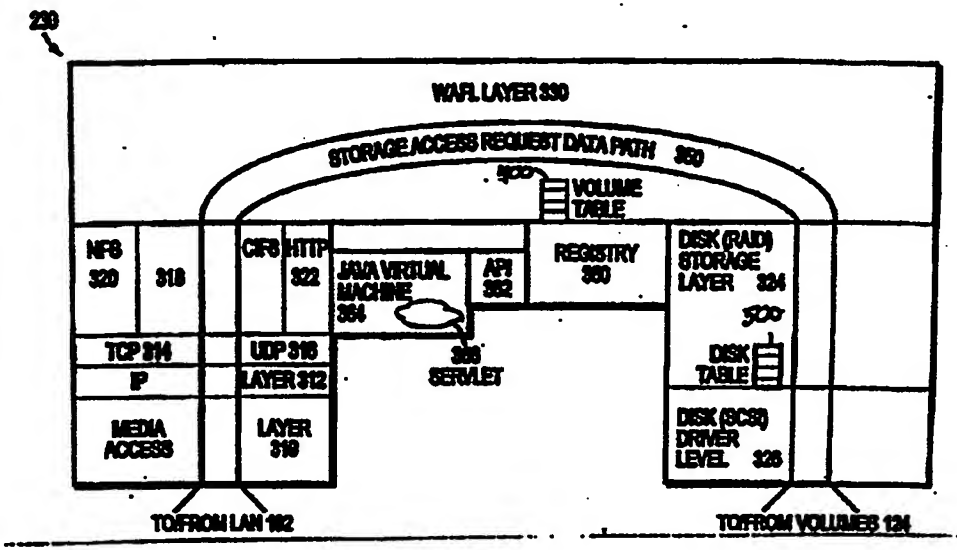

FIG. 3

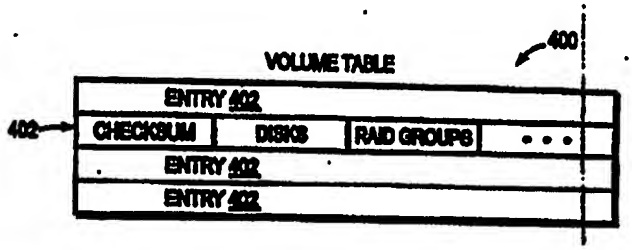
VOLUME TABLE
400
ENTRY 402
402
CHECKSUM
DISKS
RAID GROUPS
• • •
ENTRY 402
ENTRY 402

FIG. 4

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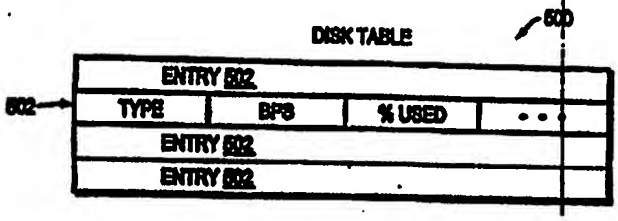

FIG. 5

Fig. 6

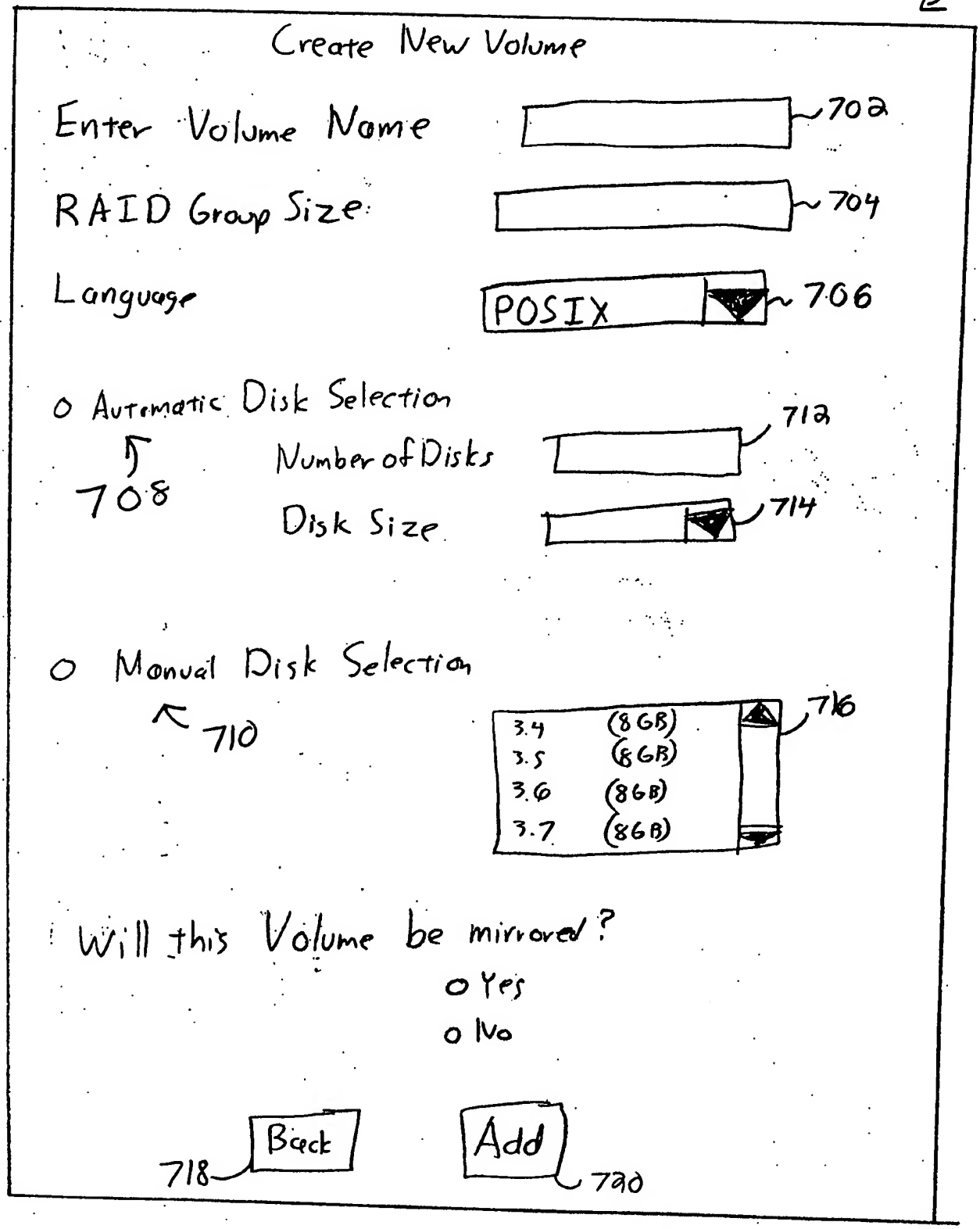

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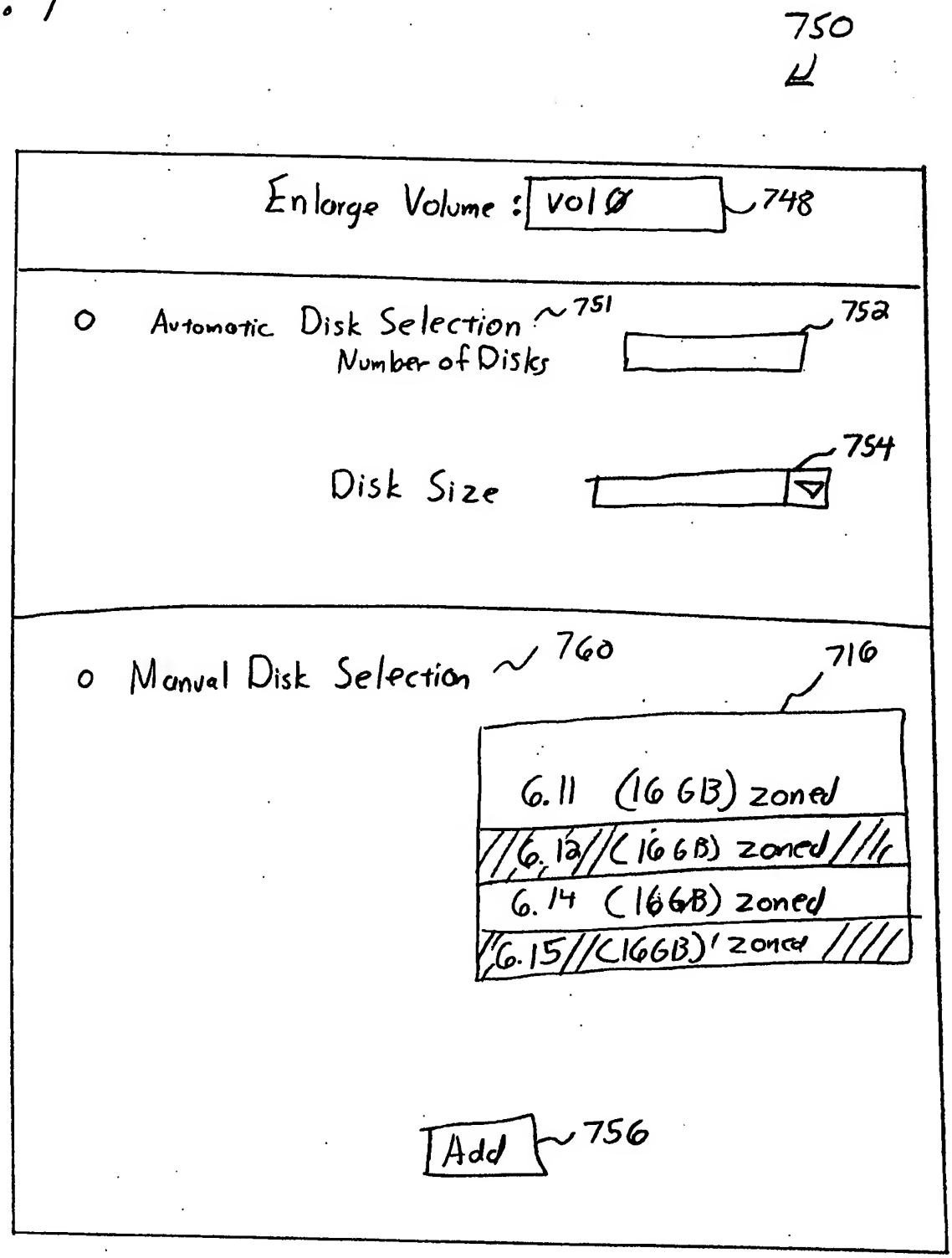
Fig. 7



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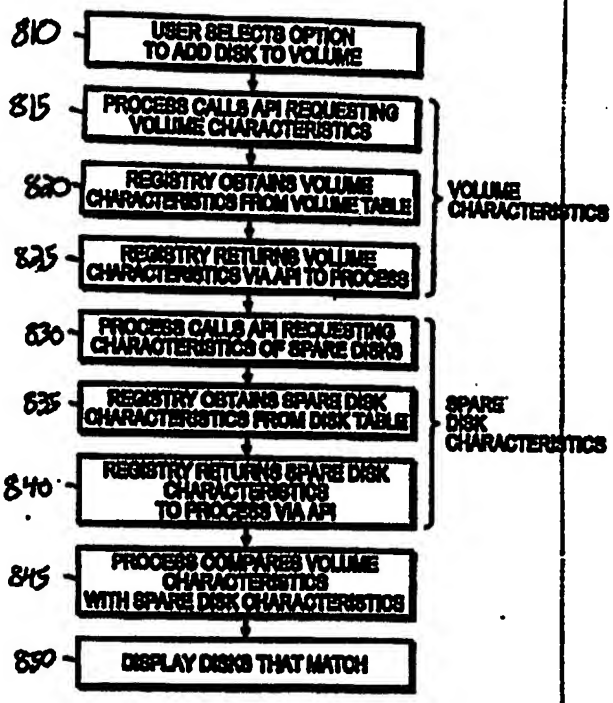
810
USER SELECTS OPTION TO ADD DISK TO VOLUME
815
PROCESS CALLS API REQUESTING VOLUME CHARACTERISTICS
820
REGISTRY OBTAINS VOLUME CHARACTERISTICS FROM VOLUME TABLE
825
REGISTRY RETURNS VOLUME CHARACTERISTICS VIA API TO PROCESS
VOLUME CHARACTERISTICS
830
PROCESS CALLS API REQUESTING CHARACTERISTICS OF SPARE DISKS
835
REGISTRY OBTAINS SPARE DISK CHARACTERISTICS FROM DISK TABLE
840
REGISTRY RETURNS SPARE DISK CHARACTERISTICS TO PROCESS VIA API
SPARE DISK CHARACTERISTICS
845
PROCESS COMPARES VOLUME CHARACTERISTICS WITH SPARE DISK CHARACTERISTICS
850
DISPLAY DISKS THAT MATCH

FIG. 8

Fig. 9

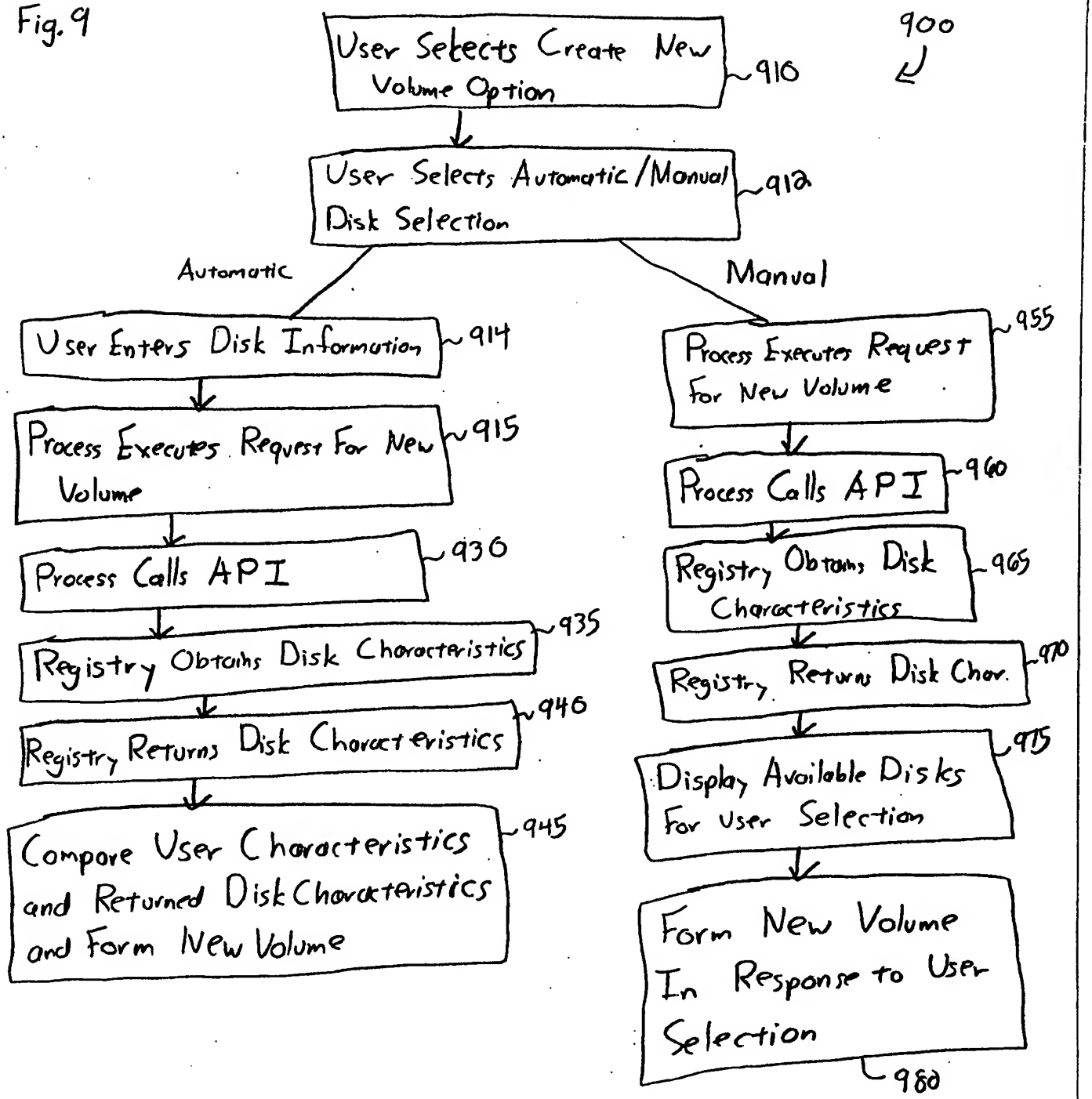

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Fig 10

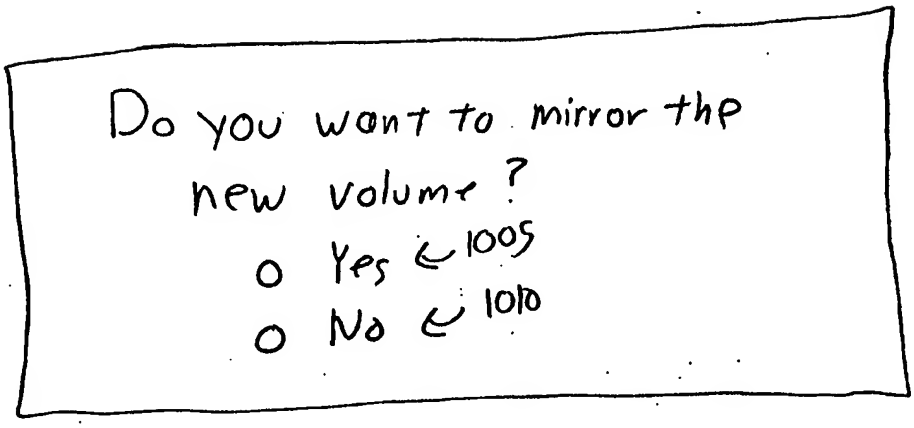

Fig. 11

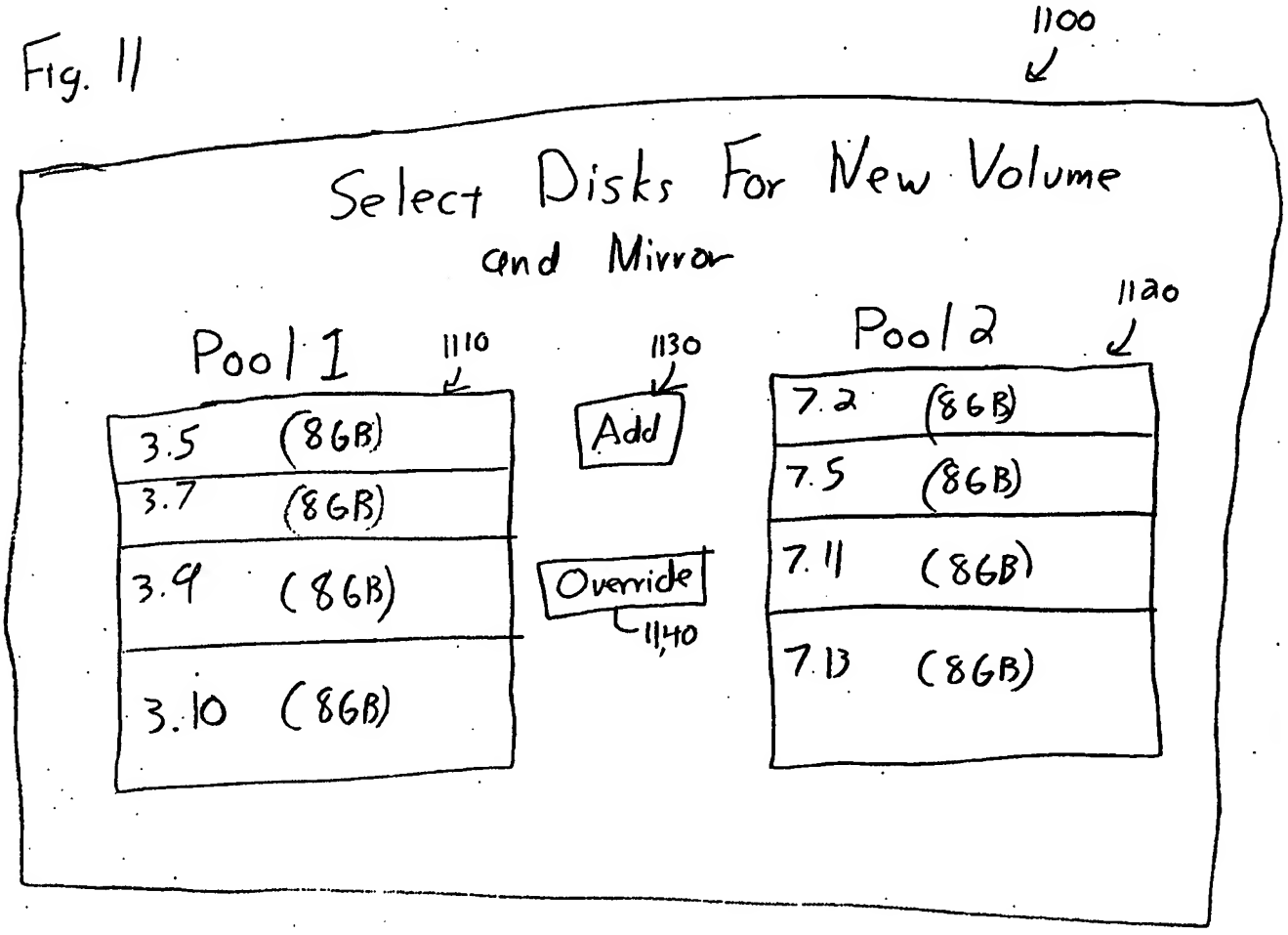

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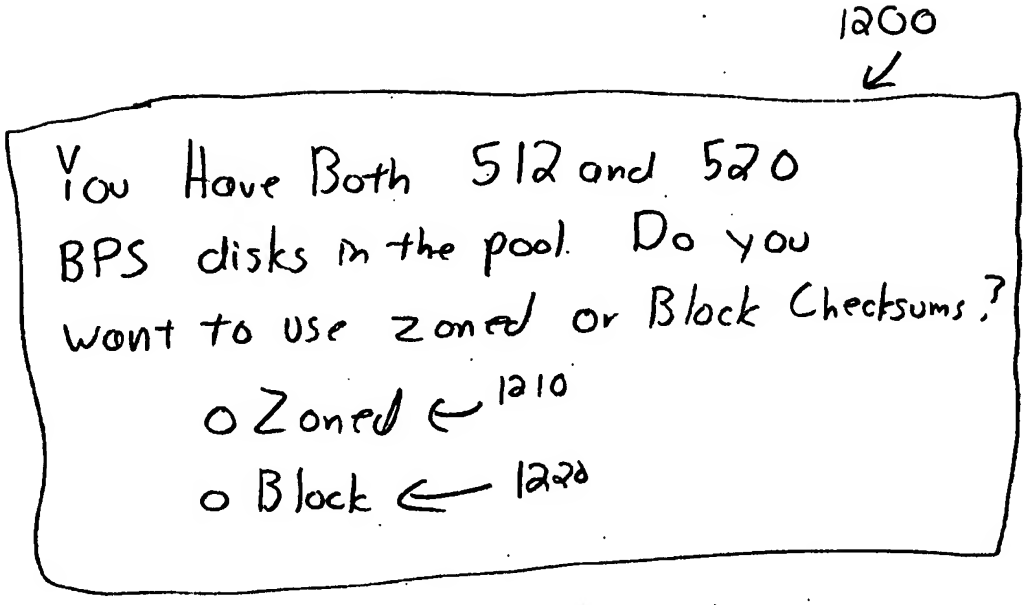
Fig. 12



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